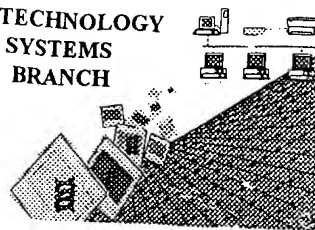


**RAW SEQUENCE LISTING  
ERROR REPORT**

**RECEIVED**

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TECH CENTER 1500/2900

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/800,187A  
Source: 7/600  
Date Processed by STIC: 7/1/6/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT  
MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221  
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/800,187A

DATE: 11/06/2003

TIME: 09:59:06

Input Set : A:\HUV-037.01.st25.txt

Output Set: N:\CRF4\11062003\I800187A.raw

3 <110> APPLICANT: GROZINGER, CHRISTINA M.  
 4 HASSIG, CHRISTIAN A.  
 5 SCHREIBER, STUART L.  
 7 <120> TITLE OF INVENTION: CLASS II HUMAN HISTONE DEACETYLASES, AND USES RELATED  
 8 THERETO  
 10 <130> FILE REFERENCE: HUV-037.01  
 12 <140> CURRENT APPLICATION NUMBER: 09/800,187A  
 13 <141> CURRENT FILING DATE: 2001-03-05  
 15 <150> PRIOR APPLICATION NUMBER: 60/186,802  
 16 <151> PRIOR FILING DATE: 2000-03-03  
 E--> 18 <160> NUMBER OF SEQ ID NOS: 73 78 (see below)  
 20 <170> SOFTWARE: PatentIn Ver. 2.1

## ERRORED SEQUENCES

2339 <210> SEQ ID NO: 78 *last sequence in file*  
 2340 <211> LENGTH: 5  
 2341 <212> TYPE: PRT  
 2342 <213> ORGANISM: Artificial Sequence  
 2344 <220> FEATURE:  
 2345 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus  
 2346 sequence  
 2348 <220> FEATURE:  
 2349 <221> NAME/KEY: MOD\_RES  
 2350 <222> LOCATION: (1)  
 2351 <223> OTHER INFORMATION: Hydrophobic amino acid  
 2353 <220> FEATURE:  
 2354 <221> NAME/KEY: MOD\_RES  
 2355 <222> LOCATION: (5)

Does Not Comply  
 Corrected Diskette Needed

OK  
 2356 <223> OTHER INFORMATION: Tyr or His  
 2358 <400> SEQUENCE: 78  
 2359 Xaa Glu Gly Gly Xaa  
 2360 .1 5

E--&gt; 2362 41

*delete*

*FBI* Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/800,187A

DATE: 11/06/2003

TIME: 09:59:07

Input Set : A:\HUV-037.01.st25.txt

Output Set: N:\CRF4\11062003\I800187A.raw

L:979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
M:341 Repeated in SeqNo=7  
L:1560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:1598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:1627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:1656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:1680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:1719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:1738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:1757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:2282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:0  
L:2306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0  
L:2335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0  
L:2359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0  
L:2362 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:78  
L:18 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (73) Counted (78)